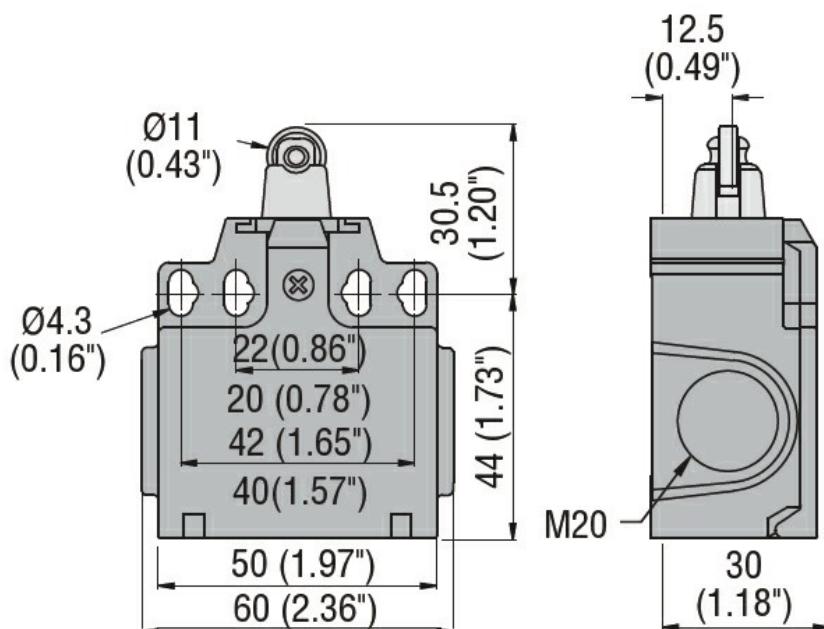




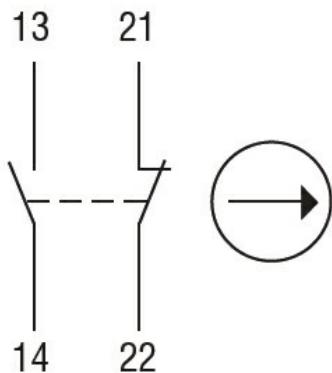
Product designation	Top roller push plunger KCB		
Product type designation	General characteristics		
<b>General characteristics</b>			
Material	Housing	Polymer thermoplastic	
	Roller	Metal	
<b>Contact characteristics</b>			
Type of contact	1NO+1NC Slow action		
Thermal current $I_{th}$	A	10	
IEC/EN 60947-5-1 designation	A600 Q300		
Rated insulation voltage $U_i$	V	690	
Rated impulse withstand voltage $U_{imp}$	kV	6	
Insulation class	II		
Short-circuit protection with fuse	Class/A	10 gG/SC QUICK FUSE	
<b>Switching speed</b>			
	min	m/s	0.5
	max	m/s	1.5
IEC Conventional free air thermal current $I_{th}$	A	10	
Resistance per pole (average value)	m?	<10	
<b>Mechanical features</b>			
Operating head fixing	Locking bayonet insert		
Operating torque	N	5	
	lb	1.1	
<b>Tightening torque (Max)</b>			
Switch fixing	Nm	2.5	
	lbin	22.1	
Contact terminals	Nm	0.8	
	lbin	7	
Body lid screw fixing	Nm	0.8	
	lbin	7	
<b>Conductor section</b>			
AWG/Kcmil	min	16	
	max	14	
IEC	min	mm <sup>2</sup>	1 or 2
	max	mm <sup>2</sup>	2.5

Cable connection	Self-releasing screw terminal										
Cable entry	M20 on the bottom										
<b>Operations</b>											
Mechanical life	cycles <10000000										
Mechanical operation	cycles/h 3600										
<b>Ambient conditions</b>											
Temperature	<table> <tr> <td>Operating temperature</td> <td>min</td> <td>°C</td> <td>-25</td> </tr> <tr> <td></td> <td>max</td> <td>°C</td> <td>+70</td> </tr> </table>			Operating temperature	min	°C	-25		max	°C	+70
Operating temperature	min	°C	-25								
	max	°C	+70								
Storage temperature	<table> <tr> <td>min</td> <td>°C</td> <td>-40</td> </tr> <tr> <td>max</td> <td>°C</td> <td>+70</td> </tr> </table>			min	°C	-40	max	°C	+70		
min	°C	-40									
max	°C	+70									
<b>Resistance &amp; Protection</b>											
IP degree	<table> <tr> <td>Terminals</td> <td>IP20</td> </tr> <tr> <td>Body housing</td> <td>IP65</td> </tr> </table>			Terminals	IP20	Body housing	IP65				
Terminals	IP20										
Body housing	IP65										
Pollution degree	3										
<b>Dimensions</b>											



**Wiring diagrams**

## Slow action



**1NO + 1NC**

### Certifications and compliance

#### Compliance

CSA C22.2 n° 14

EN 50047

IEC/EN 60204-1

IEC/EN 60947-1

IEC/EN 60947-5-1

UL508

#### Certificates

CCC

cULus

EAC

### ETIM classification

ETIM 8.0

EC000030 - End  
switch